



For You
 For Your
 Environment



The 1st airtight single-layer log-construction of the world!

Southern Germany. Now it is real! After years of development, Phoenix Solutions (www.projekt-oecotop.de & www.project-oecotop.com) built the 1st airtight single-layer log-construction of the world.

This patented know-how is a very nice example of the simplicity of solutions. Without any glue, silicon, chemicals and so on, the reason of (long-life) airtightness is 100% constructive and can be used for all other kind of timber-wall systems.

So books must be changed, because up to this event, airtightness in single-layer log-construction was strictly impossible. The prototype, which is built now in Southern Germany, 15km north of Freiburg will to implement some more new basic standards in timber-construction.

Houses of Project OECOTOP Building-System are offered world-wide to every kind of customer. For commercial builder it is NO competition, because Phoenix Solutions is offering the use of this know-how by licence.



The Blower-Door-Test
 (made with famous eye
 witnesses)

proves
 a air-changing-rate
 of

n50= 0,99



Guests & eye witnesses of Blower-Door-Test:



Dipl.-Ing. E. Schmeiser (*Engineer of static & timber construction*), B. Kürner (*master-carpenter*), M. Wildermuth (*building-technician*), Dipl.-Ing. J. Meyer (*maxit Group Germany*), Dipl.-Ing. U. Bartholomäi (*Engineer of timber construction & business-manager of PROCLIMA airtight-systems*), K. Stokes (*SK-Insulation-Systems*), Dipl.-Ing. W. Ruske (*famous publicists & Engineer of timber construction*), C. Fackler (*airtight-specialist*) & Martin Wetzel (*manager of Phoenix Solutions, inventor of this system & more*)

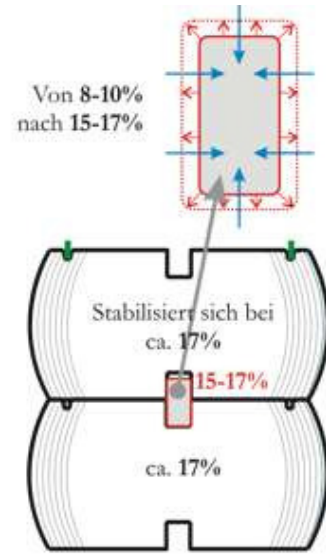
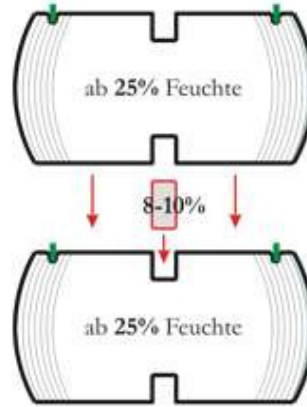
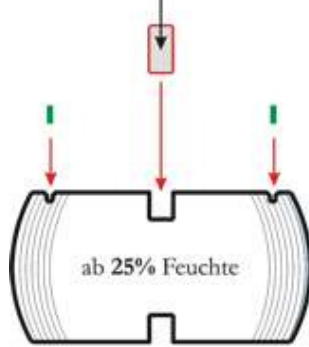
S o l u t i o n i n s t e a d o f c o n f u s i o n !





Die Fremdfeder in der Blockwand

Die **Fremdfeder** (8cm x 4cm) ist auf **8-10%** Feuchte runtergetrocknet!



Feuchte = moisture

All rights are saved by Phoenix Solutions!



Technical data:

- Low energy standard
- U-value of single-layer log construction = 0.28 (*without any more insulation!*)
- HMD (*hierarchical-modular decoupled*).
- Without any supporting interior wall!
- High sound insulation (*also inside*).
- Time of use: at least 150 years without losing any comfort!
- And much more.



SK-Dämmtechnik GmbH · Am Sägewerk 2 · 91628 Steinsfeld

Zertifikat

zur
Luftdichtigkeitsprüfung
(Blower-Door-Test)

Objekt: 1. Projekt OECOTOP Haus in Deutschland
79359 Riegel im Kaiserstuhl

Merkmale: 1-Familienhaus mit 1-schaliger Block-Außenwand
neuentwickeltes Zellulose-Dichtsystem
HME (hierarchisch-modular entkoppelt) / PROTOTYP
ohne tragende Innenwände

Entwicklung: Phoenix Solutions / Martin Wetzol

Bauherren: Eheleute Gudrun Waltersberger & Andreas Barth

n50 = 0,99 ± 0,05 = 0,99



Geprüft am: 10. Dezember 2004

Geprüft mit: Infiltrator, Modell M3

Geprüft von: Karl Stöckl
(Karl Stöckl / SK Dämmtechnik GmbH)

Anwesend und beglaubigt:

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(Uwe Barthelme / PROCLIMA)

(Dipl.-Ing. Eckhard Schmeier / Holzbaugeselle)

(Berthold Varnes / Erbauer & Berger Holzhaus)

(Matthias Finkmann / Hochbauingenieur)

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